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WASHINGTON, DC 20231
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APPLICATION NO./ CONTROL NO. 09/492971	FILING DATE 01/27/2000	FIRST NAMED INVENTOR / Tikva Vogel	ATTORNEY DOCKET NO. 25775-C JPW/SJT
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EXAMINER

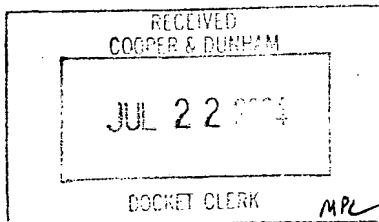
Rita Mitra

ART UNIT

PAPER

1653

DATE MAILED:



Please find below and/or attached an Office communication concerning this application or proceeding.

Response: 8/18/04 MPL

Commissioner of Patents

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

APPLICANT IS GIVEN 30 days FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.F.R. §§ 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Rita Mitra** whose telephone number is (571) 272-0954. The examiner can normally be reached on weekdays from 9:30 to 6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Jon Weber** can be reached at (571) 272-0925. The fax number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-0547.

Jon P. Weber, Ph.D.
Primary Examiner

Notice to Comply	Application No.	Applicant(s)	
	09/492971	Vogel et al.	
	Examiner	Art Unit	
	Rita Mitra, Ph. D.	1653	

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing"; as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

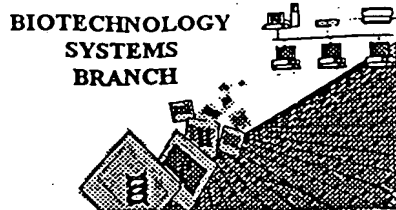
For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/492,971
Source: 1600
Date Processed by STIC: 6-9-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/492,971

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>.-<223> section that some may be missing
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>.-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>.-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence
 (2) INFORMATION FOR SEQ ID NO: X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>.-<223> is MANDATORY if n's or Xaa's are present
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
 scientific name (Genus/species) <220>.-<223> section is required when <213> response is Unknown or
 is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
 "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 0001/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
 resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
 listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



1600

RAW SEQUENCE LISTING

DATE: 06/09/2004

PATENT APPLICATION: US/09/492,971

TIME: 16:16:32

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\06092004\I492971.raw

3 <110> APPLICANT: Vogel et al., Tikva
 5 <120> TITLE OF INVENTION: FIBRIN BINDING DOMAIN POLYPEPTIDES AND USES AND METHODS OF
 RODUCING SAME
 7 <130> FILE REFERENCE: 25775-CZ-AZ-A
 9 <140> CURRENT APPLICATION NUMBER: US 09/492,971
 10 <141> CURRENT FILING DATE: 2000-01-27
 12 <160> NUMBER OF SEQ ID NOS: 38
 14 <170> SOFTWARE: PatentIn version 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 11
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Synthetic Probe *See item 10 on error summary report.*
 21 <400> SEQUENCE: 1
 22 ctgtttaagc a 11
 25 <210> SEQ ID NO: 2
 26 <211> LENGTH: 15
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 28 <213> ORGANISM: Synthetic Probe
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 34 <210> SEQ ID NO: 3
 35 <211> LENGTH: 41
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Synthetic Probe
 39 <400> SEQUENCE: 3
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 43 <210> SEQ ID NO: 4
 44 <211> LENGTH: 43
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Synthetic Probe
 48 <400> SEQUENCE: 4
 49 tccgaccaga taggaagtcc cagcagcatg atcaaaacac ttc 43
 52 <210> SEQ ID NO: 5
 53 <211> LENGTH: 45
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Synthetic Probe
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 58 tcggagaaac gtgggagaag ccctaccaag gctggatgat ggtag 45
 61 <210> SEQ ID NO: 6
 62 <211> LENGTH: 45
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Synthetic Probe
 66 <400> SEQUENCE: 6
 67 acaatctacc atcatccagc cttggtaggg cttctccac gtttc 45

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/492,971

DATE: 06/09/2004
TIME: 16:16:32

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Output Set: N:\CRF4\06092004\I492971.raw

70 <210> SEQ ID NO: 7
71 <211> LENGTH: 45
72 <212> TYPE: DNA
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79 <210> SEQ ID NO: 8
80 <211> LENGTH: 44
81 <212> TYPE: DNA
82 <213> ORGANISM: Synthetic Probe same error
84 <400> SEQUENCE: 8
85 ctagaactgc aagtgatgcg tccgctgcct tctcccaggc aagt 44
88 <210> SEQ ID NO: 9
89 <211> LENGTH: 38
90 <212> TYPE: DNA
91 <213> ORGANISM: Synthetic Probe
93 <400> SEQUENCE: 9
94 cctcctgttt ctcgtaagt gatcctgtaa tatctcac 38
97 <210> SEQ ID NO: 10
98 <211> LENGTH: 33
99 <212> TYPE: DNA
100 <213> ORGANISM: Synthetic Probe
102 <400> SEQUENCE: 10
103 gaatcaagac ctgttttctg tcttcctcta aga 33
106 <210> SEQ ID NO: 11
107 <211> LENGTH: 40
108 <212> TYPE: DNA
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112 ccaggtccct cggaacatca gaaactgttg attgttgcc 40
115 <210> SEQ ID NO: 12
116 <211> LENGTH: 36
117 <212> TYPE: DNA
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124 <210> SEQ ID NO: 13
125 <211> LENGTH: 42
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133 <210> SEQ ID NO: 14
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135 <212> TYPE: DNA
136 <213> ORGANISM: Synthetic Probe
138 <400> SEQUENCE: 14
139 ctgtttaata agca 14
142 <210> SEQ ID NO: 15

RAW SEQUENCE LISTING

DATE: 06/09/2004

PATENT APPLICATION: US/09/492,971

TIME: 16:16:32

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\06092004\I492971.raw

143 <211> LENGTH: 2327

144 <212> TYPE: PRT

145 <213> ORGANISM: Synthetic Probe *same error*

147 <400> SEQUENCE: 15

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154      20      25      30
157 Ile Asn Gln Gln Trp Glu Arg Thr Tyr Leu Gly Asn Val Leu Val Cys
158      35      40      45
161 Thr Cys Tyr Gly Gly Ser Arg Gly Phe Asn Cys Glu Ser Lys Pro Glu
162      50      55      60
165 Ala Glu Glu Thr Cys Phe Asp Lys Tyr Thr Gly Asn Thr Tyr Arg Val
166 65      70      75      80
169 Gly Asp Thr Tyr Glu Arg Pro Lys Asp Ser Met Ile Trp Asp Cys Thr
170      85      90      95
173 Cys Ile Gly Ala Gly Arg Gly Arg Ile Ser Cys Thr Ile Ala Asn Arg
174      100     105     110
177 Cys His Glu Gly Gly Gln Ser Tyr Lys Ile Gly Asp Thr Trp Arg Arg
178      115     120     125
181 Pro His Glu Thr Gly Gly Tyr Met Leu Glu Cys Val Cys Leu Gly Asn
182      130     135     140
185 Gly Lys Gly Glu Trp Thr Cys Lys Pro Ile Ala Glu Lys Cys Phe Asp
186 145     150     155     160
189 His Ala Ala Gly Thr Ser Tyr Val Val Gly Glu Thr Trp Glu Lys Pro
190      165     170     175
193 Tyr Gln Gly Trp Met Met Val Asp Cys Thr Cys Leu Gly Glu Gly Ser
194      180     185     190
197 Gly Arg Ile Thr Cys Thr Ser Arg Asn Arg Cys Asn Asp Gln Asp Thr
198      195     200     205
201 Arg Thr Ser Tyr Arg Ile Gly Asp Thr Trp Ser Lys Lys Asp Asn Arg
202      210     215     220
205 Gly Asn Leu Leu Gln Cys Ile Cys Thr Gly Asn Gly Arg Gly Glu Trp
206 225     230     235     240
209 Lys Cys Glu Arg His Thr Ser Val Gln Thr Thr Ser Ser Gly Ser Gly
210      245     250     255
213 Pro Phe Thr Asp Val Arg Ala Ala Val Tyr Gln Pro Gln Pro His Pro
214      260     265     270
217 Gln Pro Pro Pro Tyr Gly His Cys Val Thr Asp Ser Gly Val Val Tyr
218      275     280     285
221 Ser Val Gly Met Gln Trp Leu Lys Thr Gln Gly Asn Lys Gln Met Leu
222      290     295     300
225 Cys Thr Cys Leu Gly Asn Gly Val Ser Cys Gln Glu Thr Ala Val Thr
226 305     310     315     320
229 Gln Thr Tyr Gly Gly Asn Leu Asn Gly Glu Pro Cys Val Leu Pro Phe
230      325     330     335
233 Thr Tyr Asn Gly Arg Thr Phe Tyr Ser Cys Thr Thr Glu Gly Arg Gln
234      340     345     350
237 Asp Gly His Leu Trp Cys Ser Thr Thr Ser Asn Tyr Glu Gln Asp Gln

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Input Set : A:\PTO.FG.txt

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238		355		360		365													
241	Lys	Tyr	Ser	Phe	Cys	Thr	Asp	His	Thr	Val	Leu	Val	Gln	Thr	Gln	Gly			
242		370					375					380							
245	Gly	Asn	Ser	Asn	Gly	Ala	Leu	Cys	His	Phe	Pro	Phe	Leu	Tyr	Asn	Asn			
246	385					390					395					400			
249	His	Asn	Tyr	Thr	Asp	Cys	Thr	Ser	Glu	Gly	Arg	Arg	Asp	Asn	Met	Lys			
250					405					410					415				
253	Trp	Cys	Gly	Thr	Thr	Gln	Asn	Tyr	Asp	Ala	Asp	Gln	Lys	Phe	Gly	Phe			
254				420					425					430					
257	Cys	Pro	Met	Ala	Ala	His	Glu	Glu	Ile	Cys	Thr	Thr	Asn	Glu	Gly	Val			
258			435				440						445						
261	Met	Tyr	Arg	Ile	Gly	Asp	Gln	Trp	Asp	Lys	Gln	His	Asp	Met	Gly	His			
262		450					455					460							
265	Met	Met	Arg	Cys	Thr	Cys	Val	Gly	Asn	Gly	Arg	Gly	Glu	Trp	Thr	Cys			
266	465					470				475						480			
269	Ile	Ala	Tyr	Ser	Gln	Leu	Arg	Asp	Gln	Cys	Ile	Val	Asp	Asp	Ile	Thr			
270					485					490					495				
273	Tyr	Asn	Val	Asn	Asp	Thr	Phe	His	Lys	Arg	His	Glu	Glu	Gly	His	Met			
274				500					505					510					
277	Leu	Asn	Cys	Thr	Cys	Phe	Gly	Gln	Gly	Arg	Gly	Arg	Trp	Lys	Cys	Asp			
278		515					520					525							
281	Pro	Val	Asp	Gln	Cys	Gln	Asp	Ser	Glu	Thr	Gly	Thr	Phe	Tyr	Gln	Ile			
282		530					535					540							
285	Gly	Asp	Ser	Trp	Glu	Lys	Tyr	Val	His	Gly	Val	Arg	Tyr	Gln	Cys	Tyr			
286	545					550				555						560			
289	Cys	Tyr	Gly	Arg	Gly	Ile	Gly	Glu	Trp	His	Cys	Gln	Pro	Leu	Gln	Thr			
290					565				570						575				
293	Tyr	Pro	Ser	Ser	Ser	Gly	Pro	Val	Glu	Val	Phe	Ile	Thr	Glu	Thr	Pro			
294				580					585					590					
297	Ser	Gln	Pro	Asn	Ser	His	Pro	Ile	Gln	Trp	Asn	Ala	Pro	Gln	Pro	Ser			
298			595					600					605						
301	His	Ile	Ser	Lys	Tyr	Ile	Leu	Arg	Trp	Arg	Pro	Lys	Asn	Ser	Val	Gly			
302		610					615					620							
305	Arg	Trp	Lys	Glu	Ala	Thr	Ile	Pro	Gly	His	Leu	Asn	Ser	Tyr	Thr	Ile			
306	625					630					635					640			
309	Lys	Gly	Leu	Lys	Pro	Gly	Val	Val	Tyr	Glu	Gly	Gln	Leu	Ile	Ser	Ile			
310					645				650						655				
313	Gln	Gln	Tyr	Gly	His	Gln	Glu	Val	Thr	Arg	Phe	Asp	Phe	Thr	Thr	Thr			
314				660					665					670					
317	Ser	Thr	Ser	Thr	Pro	Val	Thr	Ser	Asn	Thr	Val	Thr	Gly	Glu	Thr	Thr			
318			675				680						685						
321	Pro	Phe	Ser	Pro	Leu	Val	Ala	Thr	Ser	Glu	Ser	Val	Thr	Glu	Ile	Thr			
322		690					695					700							
325	Ala	Ser	Ser	Phe	Val	Val	Ser	Trp	Val	Ser	Ala	Ser	Asp	Thr	Val	Ser			
326	705					710				715						720			
329	Gly	Phe	Arg	Val	Glu	Tyr	Glu	Leu	Ser	Glu	Glu	Gly	Asp	Glu	Pro	Gln			
330					725				730						735				
333	Tyr	Leu	Asp	Leu	Pro	Ser	Thr	Ala	Thr	Ser	Val	Asn	Ile	Pro	Asp	Leu			
334				740					745					750					

RAW SEQUENCE LISTING

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Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\06092004\I492971.raw

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337 Leu Pro Gly Arg Lys Tyr Ile Val Asn Val Tyr Gln Ile Ser Glu Asp
338      755      760      765
341 Gly Glu Gln Ser Leu Ile Leu Ser Thr Ser Gln Thr Thr Ala Pro Asp
342      770      775      780
345 Ala Pro Pro Asp Pro Thr Val Asp Gln Val Asp Asp Thr Ser Ile Val
346 785      790      795      800
349 Val Arg Trp Ser Arg Pro Gln Ala Pro Ile Thr Gly Tyr Arg Ile Val
350      805      810      815
353 Tyr Ser Pro Ser Val Glu Gly Ser Ser Thr Glu Leu Asn Leu Pro Glu
354      820      825      830
357 Thr Ala Asn Ser Val Thr Leu Ser Asp Leu Gln Pro Gly Val Gln Tyr
358      835      840      845
361 Asn Ile Thr Ile Tyr Ala Val Glu Glu Asn Gln Glu Ser Thr Pro Val
362      850      855      860
365 Val Ile Gln Gln Glu Thr Thr Gly Thr Pro Arg Ser Asp Thr Val Pro
366 865      870      875      880
369 Ser Pro Arg Asp Leu Gln Phe Val Glu Val Thr Asp Val Lys Val Thr
370      885      890      895
373 Ile Met Trp Thr Pro Pro Glu Ser Ala Val Thr Gly Tyr Arg Val Asp
374      900      905      910
377 Val Ile Pro Val Asn Leu Pro Gly Glu His Gly Gln Arg Leu Pro Ile
378      915      920      925
381 Ser Arg Asn Thr Phe Ala Glu Val Thr Gly Leu Ser Pro Gly Val Thr
382      930      935      940
385 Tyr Tyr Phe Lys Val Phe Ala Val Ser His Gly Arg Glu Ser Lys Pro
386 945      950      955      960
389 Leu Thr Ala Gln Gln Thr Thr Lys Leu Asp Ala Pro Thr Asn Leu Gln
390      965      970      975
393 Phe Val Asn Glu Thr Asp Ser Thr Val Leu Val Arg Trp Thr Pro Pro
394      980      985      990
397 Arg Ala Gln Ile Thr Gly Tyr Arg Leu Thr Val Gly Leu Thr Arg Arg
398      995      1000      1005
401 Gly Gln Pro Arg Gln Tyr Asn Val Gly Pro Ser Val Ser Lys Tyr
402      1010      1015      1020
405 Pro Leu Arg Asn Leu Gln Pro Ala Ser Glu Tyr Thr Val Ser Leu
406      1025      1030      1035
409 Val Ala Ile Lys Gly Asn Gln Glu Ser Pro Lys Ala Thr Gly Val
410      1040      1045      1050
413 Phe Thr Thr Leu Gln Pro Gly Ser Ser Ile Pro Pro Tyr Asn Thr
414      1055      1060      1065
417 Glu Val Thr Glu Thr Thr Ile Val Ile Thr Trp Thr Pro Ala Pro
418      1070      1075      1080
421 Arg Ile Gly Phe Lys Leu Gly Val Arg Pro Ser Gln Gly Gly Glu
422      1085      1090      1095
425 Ala Pro Arg Glu Val Thr Ser Asp Ser Gly Ser Ile Val Val Ser
426      1100      1105      1110
429 Gly Leu Thr Pro Gly Val Glu Tyr Val Tyr Thr Ile Gln Val Leu
430      1115      1120      1125
433 Arg Asp Gly Gln Glu Arg Asp Ala Pro Ile Val Asn Lys Val Val

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/492,971

DATE: 06/09/2004
TIME: 16:16:33

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\06092004\I492971.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

eq#:1; Line(s) 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/492,971

DATE: 06/09/2004

TIME: 16:16:33

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\06092004\I492971.raw

**NOTICE OF OFFICE PLAN TO CEASE SUPPLYING COPIES OF CITED U.S. PATENT
REFERENCES WITH OFFICE ACTIONS, AND PILOT TO EVALUATE THE
ALTERNATIVE OF PROVIDING ELECTRONIC ACCESS TO SUCH U.S. PATENT
REFERENCES**

Summary

The United States Patent and Trademark Office (Office or USPTO) plans in the near future to: (1) cease mailing copies of U.S. patents and U.S. patent application publications (US patent references) with Office actions except for citations made during the international stage of an international application under the Patent Cooperation Treaty and those made during reexamination proceedings; and (2) provide electronic access to, with convenient downloading capability of, the US patent references cited in an Office action via the Office's private Patent Application Information Retrieval (PAIR) system which has a new feature called "E-Patent Reference." Before ceasing to provide copies of U.S. patent references with Office actions, the Office shall test the feasibility of the E-Patent Reference feature by conducting a two-month pilot project starting with Office actions mailed after December 1, 2003. The Office shall evaluate the pilot project and publish the results in a notice which will be posted on the Office's web site (www.USPTO.gov) and in the Patent Official Gazette (O.G.). In order to use the new E-Patent Reference feature during the pilot period, or when the Office ceases to send copies of U.S. patent references with Office actions, the applicant must: (1) obtain a digital certificate from the Office; (2) obtain a customer number from the Office, and (3) properly associate applications with the customer number. The pilot project does not involve or affect the current Office practice of supplying paper copies of foreign patent documents and non-patent literature with Office actions. Paper copies of references will continue to be provided by the USPTO for searches and written opinions prepared by the USPTO for international applications during the international stage and for reexamination proceedings.

Description of Pilot Project to Provide Electronic Access to Cited U.S. Patent References

On December 1, 2003, the Office will make available a new feature, E-Patent Reference, in the Office's private PAIR system, to allow more convenient downloading of U.S. patents and U.S. patent application publications. The new feature will allow an authorized user of private PAIR to download some or all of the U.S. patents and U.S. patent application publications cited by an examiner on form PTO-892 in Office actions, as well as U.S. patents and U.S. patent application publications submitted by applicants on form PTO/SB08 (1449) as part of an IDS. The retrieval of some or all of the documents may be performed in one downloading step with the documents encoded as Adobe Portable Document format (.pdf) files, which is an improvement over the current page-by-page retrieval capability from other USPTO systems.

Steps to Use the New E-Patent Reference Feature During the Pilot Project and Thereafter

Access to private PAIR is required to utilize E-Patent Reference. If you don't already have access to private PAIR, the Office urges practitioners, and applicants not represented by a practitioner, to take advantage of the transition period to obtain a no-cost USPTO Public Key Infrastructure (PKI) digital certificate, obtain a USPTO customer number, associate all of their pending and new application filings with their customer number, install no-cost software (supplied by the Office) required to access private PAIR and E-Patent Reference feature, and make appropriate arrangements for Internet access. The full instructions for obtaining a PKI digital certificate are available at the Office's Electronic Business Center (EBC) web page at: <http://www.uspto.gov/ebc/downloads.html>. Note that a notarized signature will be required to obtain a digital certificate.

To get a Customer Number, download and complete the Customer Number Request form, PTO-SB125, at: <http://www.uspto.gov/web/forms/sb0125.pdf>. The completed form can then be transmitted by facsimile to the Electronic Business Center at (703) 308-2840, or mailed to the address on the form. If you are a registered attorney or patent agent, then your registration number must be associated with your customer number. This is accomplished by adding your registration number to the Customer Number Request form. A description of associating a customer number with an application is described at the EBC web page at: http://www.uspto.gov/ebc/registration_pair.html.

The E-Patent Reference feature will be accessed using a new button on the private PAIR screen. Ordinarily all of the cited U.S. patent and U.S. patent application publication references will be available over the Internet using the Office's new E-Patent Reference feature. The size of the references to be downloaded will be displayed by E-Patent Reference so the download time can be estimated. Applicants and registered practitioners can select to download all of the references or any combination of cited references. Selected references will be downloaded as complete documents as Adobe Portable Document Format (.pdf) files. For a limited period of time, the USPTO will include a copy of this notice with Office actions to encourage applicants to use this new feature and, if needed, to take the steps outlined above in order to be able to utilize this new feature during the pilot and thereafter.

During the two-month pilot, the Office will evaluate the stability and capacity of the E-Patent Reference feature to reliably provide electronic access to cited U.S. patent and U.S. patent application publication references. While copies of U.S. patent and U.S. patent application publication references cited by examiners will continue to be mailed with Office actions during the pilot project, applicants are encouraged to use the private PAIR and the E-Patent Reference feature to electronically access and download cited U.S. patent and U.S. patent application publication references so the Office will be able to objectively evaluate its performance. The public is encouraged to submit comments to the Office on the usability and performance of the E-Patent Reference feature during the pilot. Further, during the pilot period registered practitioners, and applicants not represented by a practitioner, are encouraged to experiment with the feature, develop a proficiency in using the feature, and establish new internal processes for using the new access to the cited U.S. patents and U.S. patent application publications to prepare for the anticipated cessation of the current Office practice of supplying copies of such cited

references. The Office plans to continue to provide access to the E-Patent Reference feature during its evaluation of the pilot.

Comments

Comments concerning the E-Patent Reference feature should be in writing and directed to the Electronic Business Center (EBC) at the USPTO by electronic mail at eReference@uspto.gov or by facsimile to (703) 308-2840. Comments will be posted and made available for public inspection. To ensure that comments are considered in the evaluation of the pilot project, comments should be submitted in writing by January 15, 2004.

Comments with respect to specific applications should be sent to the Technology Centers' customer service centers. Comments concerning digital certificates, customer numbers, and associating customer numbers with applications should be sent to the Electronic Business Center (EBC) at the USPTO by facsimile at (703) 308-2840 or by e-mail at EBC@uspto.gov.

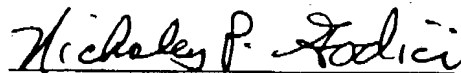
Implementation after Pilot

After the pilot, its evaluation, and publication of a subsequent notice as indicated above, the Office expects to implement its plan to cease mailing paper copies of U.S. patent references cited during examination of non provisional applications on or after February 2, 2004; although copies of cited foreign patent documents, as well as non-patent literature, will still be mailed to the applicant until such time as substantially all applications have been scanned into IFW.

For Further Information Contact

Technical information on the operation of the IFW system can be found on the USPTO website at <http://www.uspto.gov/web/patents/ifw/index.html>. Comments concerning the E-Patent Reference feature and questions concerning the operation of the PAIR system should be directed to the EBC at the USPTO at (866) 217-9197. The EBC may also be contacted by facsimile at (703) 308-2840 or by e-mail at EBC@uspto.gov.

Date. 12/1/03


Nicholas P. Godici
Commissioner for Patents

USPTO TO PROVIDE ELECTRONIC ACCESS TO CITED U.S. PATENT REFERENCES WITH OFFICE ACTIONS AND CEASE SUPPLYING PAPER COPIES

In support of its 21st Century Strategic Plan goal of increased patent e-Government, beginning in June 2004, the United States Patent and Trademark Office (Office or USPTO) will begin the phase-in of its E-Patent Reference program and hence will: (1) **provide downloading capability of the U.S. patents and U.S. patent application publications cited in Office actions via the E-Patent Reference feature of the Office's Patent Application Information Retrieval (PAIR) system;** and (2) **cease mailing paper copies of U.S. patents and U.S. patent application publications with Office actions** (in applications and during reexamination proceedings) except for citations made during the international stage of an international application under the Patent Cooperation Treaty (PCT). In order to use the new E-Patent Reference feature applicants must: (1) obtain a digital certificate and software from the Office; (2) obtain a customer number from the Office; and (3) properly associate patent applications with the customer number. Alternatively, copies of all U.S. patents and patent application publications can be accessed without a digital certificate from the USPTO web site, from the USPTO Office of Public Records, and from commercial sources. The Office will continue the practice of supplying paper copies of foreign patent documents and non-patent literature with Office actions. Paper copies of cited references will continue to be provided by the USPTO for international applications during the international stage.

Schedule

June 2004	TCs 1600, 1700, 2800 and 2900
July 2004	TCs 3600 and 3700
August 2004	TCs 2100 and 2600

All U.S. patents and U.S. patent application publications are available on the USPTO web site. However, a simple system for downloading the cited U.S. patents and patent application publications has been established for applicants, called the E-Patent Reference system. As E-Patent Reference and Private PAIR require participating applicants to have a customer number, retrieval software and a digital certificate, all applicants are strongly encouraged to contact the Patent Electronic Business Center to acquire these items. To be ready to use this system by June 1, 2004, contact the Patent EBC as soon as possible by phone at 866-217-9197 (toll-free), 703-305-3028 or 703-308-6845 or electronically via the Internet at ebc@uspto.gov.

Other Options

The E-Patent Reference function requires the applicant to use the secure Private PAIR system, which establishes confidential communications with the applicant. Applicants using this facility must receive a digital certificate, as described above. Other options for obtaining patents which do not require the digital certificate include the USPTO's free Patents on the Web program (<http://www.uspto.gov/patft/index.html>). The USPTO's Office of Public Records also supplies copies of patents for a fee (<http://ebiz1.uspto.gov/oems25p/index.html>). Commercial sources also provide U.S. patents and patent application publications.

For complete instructions see the Official Gazette Notice, USPTO TO PROVIDE ELECTRONIC ACCESS TO CITED U.S. PATENT REFERENCES WITH OFFICE ACTIONS AND CEASE SUPPLYING PAPER COPIES, on the USPTO web site.



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09/492,971	01/27/2000	Tikva Vogel	25775-C JPW/SJT	1611

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EXAMINER

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Please find below and/or attached an Office communication concerning this application or proceeding.